

Virginia Administrative Code
Title 13. Housing
Agency 5. Department of Housing And Community Development
Chapter 63. Virginia Uniform Statewide Building Code

Documents Incorporated by Reference (13VAC5-63).

International Code Council, Inc., 200 Massachusetts Avenue, NW, Suite 250, Washington, DC 20001 (<http://www.iccsafe.org/>):

International Building Code - 2021 Edition

International Energy Conservation Code - 2021 Edition

International Existing Building Code - 2021 Edition

International Fire Code - 2021 Edition

International Fuel Gas Code - 2021 Edition

International Mechanical Code - 2021 Edition

International Property Maintenance Code - 2021 Edition

International Plumbing Code - 2021 Edition

International Residential Code - 2021 Edition

International Swimming Pool and Spa Code - 2021 Edition

International Zoning Code - 2021 Edition

ICC 600 - 20, Standard for Residential Construction in High-wind Regions

ICC/ANSI A117.1-17, Accessible and Usable Buildings and Facilities, Approved November 26, 2003

American Architectural Manufacturers Association, 1827 Walden Office Square, Suite 550
Schaumburg, IL 60173-4268

AAMA/WDMA/CSA 101/I.S.2/A440 - 05, North American Fenestration Standard/Specification for Windows, Doors, and Skylights

American National Standards Institute, 25 West 43rd Street, Fourth Floor, New York, NY 10036

ANSI/DASMA 108 - 2017, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Uniform Static Air Pressure Difference

ANSI/RESNET/ICC 380 - 2019, Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution and Airflow of Mechanical Ventilation Systems

ANSI LC 1/CSA 6.26-18, Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)

Air Conditioning Contractors of America, 2800 Shirlington Road, Suite 300, Arlington, VA 22206 (<https://www.acca.org/>):

Manual J-16, Residential Load Calculation, Eighth Edition

Manual S-14, Residential Equipment Selection

Air Movement and Control Association International, 30 West university Drive, Arlington Heights, IL 60004-1806

AMCA 500D-98, Laboratory Methods for Testing Dampers for Rating

American Concrete Institute, 38800 Country Club Drive, Farmington Hills, MI 48331 (<http://www.concrete.org/>)

ACI 318-14, Building Code Requirements for Structural Concrete

ACI 562-21, Assessment, Repair, and Rehabilitation of Existing Concrete Structures

American Iron and Steel Institute, 25 Massachusetts Avenue, NW Suite 800, Washington, DC 20001

AISI S230-19, Standard for Cold-formed Steel Framing - Prescriptive Method for One- and Two-family Dwellings

American Petroleum Institute, 1220 L Street, NW, Washington, DC 20005-4070 (<http://www.api.org/>):

API 650-09, Welded Tanks for Oil Storage, Eleventh Edition, June 2007 (Addendum 1, November 2008, Addendum 2, November 2009, effective May 1, 2010)

API 653-09, Tank Inspection, Repair, Alteration, and Reconstruction

American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., 1791 Tullie Circle, NE, Atlanta, GA 30329-2305 (<https://www.ashrae.org/>)

ASHRAE 34-2019, Designation and Safety Classification of Refrigerants

ASHRAE 62.1-13, Ventilation for Acceptable Indoor Air Quality

ASHRAE 90.1-04, Energy Standard for Buildings Except Low-rise Residential Buildings

American Society of Testing Materials International, 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA 19428-2959 (<http://www.astm.org/>):

ASTM C90-2016A, Specification for Load-bearing Concrete Masonry Units

ASTM C199-84 (2016), Standard Test Method for Pier Test for Refractory Mortar

ASTM C315-07 (2016), Standard Specification for Clay Flue Liners and Chimney Pots

ASTM C1261-13, Standard Specification for Firebox Brick for Residential Fireplaces

ASTM D1003-13, Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics

ASTM D1557-12e1, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³(2700 kN-m/m³))

ASTM D2846/D2846--2017BE1, Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems

ASTM E84-2018B, Standard Test Methods for Surface Burning Characteristics of Building Materials

ASTM E90-90, Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions

ASTM E96-00e01, Standard Test Methods for Water Vapor Transmission of Materials

ASTM E108-17, Standard Test Methods for Fire Tests of Roof Coverings

ASTM E119-2018B, Standard Test Methods for Fire Tests of Building Construction and Materials

ASTM E283-04, Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen

ASTM E329-02, Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction

ASTM E330/E330M-14, Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference

ASTM F493-14, Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings

ASTM E779-10, Standard Test Method for Determining Air Leakage Rate by Fan Pressurization

ASTM E1354-17, Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter

ASTM E1827-11, Standard Test Methods for Determining Airtightness of Buildings Using an Orifice Blower Door

ASTM F1504-14, Standard Specification for Folded Poly (Vinyl Chloride (PVC) Pipe for Existing Sewer and Conduit Rehabilitation

ASTM F1871-11, Standard Specification for Folded/Formed Poly (Vinyl Chloride) Pipe Type A for Existing Sewer and Conduit Rehabilitation

ASTM F2006-17, Standard Safety Specification for Window Fall Prevention Devices for Nonemergency Escape (Egress) and Rescue (Ingress) Windows

ASTM F2090-17, Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms

National Standards of Canada, 5060 Spectrum Way, Suite 100, Mississauga, Ontario, Canada L4W5N6 (<http://www.csa.ca>)

CAN/CSA-B64.10-01, Manual for the Selection and Installation of Backflow Prevention Devices/Manual for the Maintenance and Field Testing of Backflow Prevention Devices, June 2003,

CSA B805 - 2018/ICC 805 - 2018, Rainwater Harvesting Systems

American Society of Mechanical Engineers, Three Park Avenue, New York, NY 10016-5990 (<https://www.asme.org/>):

ASME A17.1/CSA B44-19, Safety Code for Elevators and Escalators

ASME A17.3 2008, Safety Code for Existing Elevators and Escalators

ASME A18.1 2008, Safety Standard for Platform Lifts and Stairway Chairlifts

American Society of Sanitary Engineering, 901 Canterbury Road, Suite A, Westlake, OH 44145 (<http://www.asse-plumbing.org/>):

ASSE 1010-2004, Performance Requirements for Water Hammer Arrestors

ASSE 1022-03, Performance Requirements for Backflow Preventer for Beverage Dispensing Equipment

ASSE 1024-04, Performance Requirements for Dual Check Valve Type Backflow Preventers (for Residential Supply Service or Individual Outlets)

ASSE 5010-1013-1, Field Test Procedure for a Reduced Pressure Principle Assembly Using a Differential Pressure Gauge, 1991

ASSE 5010-1015-1, Field Test Procedure for a Double Check Valve Assembly Using a Duplex Gauge, 1991

ASSE 5010-1015-2, Field Test Procedure for a Double Check Valve Assembly Using a Differential Pressure Gauge - High- and Low-Pressure Hose Method, 1991

ASSE 5010-1015-3, Field Test Procedure for a Double Check Valve Assembly Using a Differential Pressure Gauge - High Pressure Hose Method, 1991

ASSE 5010-1015-4, Field Test Procedure for a Double Check Valve Assembly Using a Site Tube, 1991

ASSE 5010-1020-1, Field Test Procedures for a Pressure Vacuum Breaker Assembly, 1991

ASSE 5010-1047-1, Field Test Procedure for a Reduced Pressure Detector Assembly Using a Differential Pressure Gauge, 1991

ASSE 5010-1048-1, Field Test Procedure for a Double Check Detector Assembly Using a Duplex

Gauge, 1991

ASSE 5010-1048-2, Field Test Procedure for a Double Check Detector Assembly Using a Differential Pressure Gauge - High- and Low-Pressure Hose Method, 1991

ASSE 5010-1048-3, Field Test Procedure for a Double Check Detector Assembly Using a Differential Pressure Gauge - High-Pressure Hose Method, 1991

ASSE 5010-1048-4, Field Test Procedure for a Double Check Detector Assembly Using a Site Tube, 1991

American Society of Civil Engineers/Structural Engineering Institute, 1801 Alexander Bell Drive, Reston, VA 20191-4400 (<http://www.asce.org/sei/>)

ASCE/SEI 7-22, Minimum Design Loads for Buildings and Other Structures

ASCE/SEI 24-14, Flood Resistant Design and Construction

ASCE/SEI 41-13, Seismic Evaluation and Retrofit of Existing Buildings

American Wood Council, 222 Catocin Circle, Suite 201, Leesburg, VA 20175 (<http://www.awc.org/>):

AWC WFCM-18, Wood Frame Construction Manual for One- and Two-Family Dwellings

National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471 (<http://www.nfpa.org/>):

NFPA 13-19, Installation of Sprinkler Systems

NFPA 13R-19, Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height

NFPA 70-20, National Electrical Code

NFPA 72-19, National Fire Alarm Code

NFPA 91-20, Standard for Exhaust Systems for Air Conveying of Vapors, Mists and Particulate Solids

NFPA 99-21, Health Care Facilities Code

NFPA 101-21, Life Safety Code

NFPA 105-19, Standard for the Installation of Smoke Door Assemblies

NFPA 285-19, Standard Method of Test for the Evaluation of Flammability Characteristics of Exterior Nonload-bearing Wall Assemblies Containing Combustible Components

NFPA 495-18, Explosive Materials Code

NFPA 701-19, Standard Methods of Fire Tests for Flame-propagation of Textiles and Films

NFPA 704, Standard System for the Identification of the Hazards of Materials for Emergency

Response

NFPA 720-15, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment

National Fenestration Rating Council, Inc., 6305 Ivy Lane, Suite 140, Greenbelt, MD 20770

NFRC 100 - 2020, Procedure for Determining Fenestration Products U-factors

NFRC 400 - 2001, Procedure for Determining Fenestration Product Air Leakage--Second Edition

NSF 50-2015, Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities, NSF International, 789 Dixboro Road, P.O. Box 130140, Ann Arbor, MI 48113 (<http://nsf.org>)

TFI RMIP-09, Aboveground Storage Tanks Containing Liquid Fertilizer, Recommended Mechanical Integrity Practices, December 2009, The Fertilizer Institute, 820 First Street, NE, Suite 430, Washington, DC 20002

Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062 (<http://www.ul.com>):

UL 217-15, Single- and Multiple-station Smoke Alarms-with revisions through November 2016

UL 109-97, Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service and Marine Use

UL 207—2009, Refrigerant-containing Components and Accessories, Nonelectrical—with revisions through June 2014

UL 263-11, Fire Tests of Building Construction and Materials

UL 474-2015, Standard for Safety Dehumidifiers

UL 484-2019, Standard for Room Air Conditioners

UL 723-2018, Standard for Test of Surface Burning Characteristics of Building Materials

UL 790-04, Standard Test Methods for Fire Tests of Roof Coverings-with Revisions through October 2008

UL 1784-15, Air Leakage Tests of Door Assemblies, with Revisions through February 2015

UL 2034-2017, Standard for Single and Multiple Station Carbon Monoxide Alarms, with revisions through September 2018

UL 2075-2013, Gas and Vapor Detectors and Sensors (Second Edition, March 5, 2013)

UL/CSA 60335-2-40-2019, Standards for Household and Similar Electrical Appliances, Safety part 2-40: Particular Requirements for Electrical Heat Pumps, Air-Conditioners and Dehumidifiers

UL/CSA 60335-2-89-2021, Household and Similar Electrical Appliances-Safety-Part 2-89: Particular Requirements for Commercial Refrigerating Appliances and Ice-Makers with an

Incorporated or Remote Refrigerant Unit or Motor-Compressor

UL 8782-2017, Pollution Control Units for Commercial Cooking

[Interim Remediation Guidance for Homes with Corrosion from Problem Drywall, April 2, 2010, Joint Report, Consumer Products Safety Commission and Department of Housing and Urban Development](#)

Statutory Authority

Historical Notes